

Title (en)
An aspiration catheter and related method

Title (de)
Aspirationskatheter und zugehöriges Verfahren

Title (fr)
Cathéter d'aspiration et procédé associé

Publication
EP 2548601 A1 20130123 (EN)

Application
EP 12177026 A 20120719

Priority
IT TO20110661 A 20110722

Abstract (en)
A catheter for aspirating occlusive formations (C) in a patient's body includes an aspiration duct (14) with a distal suction opening (16). The aspiration duct (14) is to be brought to a subatmospheric pressure level (S) to aspirate an occlusive formation (C) through said distal suction opening (16). An unblocking duct (22) is provided to feed to the distal portion of aspiration duct (14) a pressurized fluid (S), to act in a proximal-distal direction on a block (B) formed in said aspiration duct (14). An occluder element (20) acts on said distal suction opening (16) to prevent the escape of the pressurized fluid from distal suction opening (16).

IPC 8 full level
A61M 25/00 (2006.01); **A61B 17/3207** (2006.01)

CPC (source: EP)
A61B 17/22 (2013.01); **A61B 17/3207** (2013.01); **A61M 25/0028** (2013.01); **A61M 25/003** (2013.01); **A61B 2017/22079** (2013.01); **A61M 2025/0018** (2013.01); **A61M 2025/0037** (2013.01)

Citation (applicant)
• US 4222126 A 19800916 - BORETOS JOHN W, et al
• US 4265694 A 19810505 - BORETOS JOHN W, et al

Citation (search report)
• [XAI] US 2007089748 A1 20070426 - MADSEN EDWARD B [US], et al
• [XAI] US 2011092892 A1 20110421 - NITSAN DAVID [IL], et al
• [XI] US 4227533 A 19801014 - GODFREY JOHN C
• [X] US 4026298 A 19770531 - GRAUSZ HENRY
• [A] US 2008287888 A1 20081120 - RAVENSCROFT ADRIAN C [US]
• [A] US 5141503 A 19920825 - SEWELL JR FRANK K [US]

Cited by
CN106073856A; EP4243708A4; WO2024151303A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2548601 A1 20130123

DOCDB simple family (application)
EP 12177026 A 20120719